



DEA No. RA0571996  
FL License # CMTL-0003  
CLIA No. 10D1094068

# Certificate of Analysis

## Compliance Test

**MEDTERRA CBD, LLC**  
9805 RESEARCH DR  
IRVINE, CALIFORNIA 92618

Batch # 004F22  
Batch Date: 2022-06-10  
Extracted From: CBD

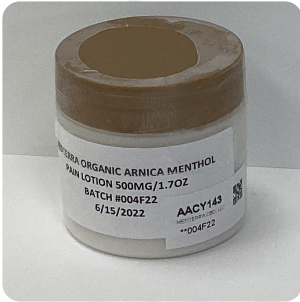
Sampling Method: MSP 7.3.1  
Test Reg State: Florida

Order # MED220610-020001  
Order Date: 2022-06-10  
Sample # AACY143

Sampling Date: 2022-06-20  
Lab Batch Date: 2022-06-20  
Completion Date: 2022-06-23

Initial Gross Weight: 65.374 g  
Net Weight: 50.874 g

Number of Units: 1  
Net Weight per Unit: 50874.000 mg



Product Image

Potency Tested

Terpenes Tested

Heavy Metals Passed

Mycotoxins Passed

Pesticides Passed

Residual Solvents Passed

Listeria Monocytogenes Passed

Pathogenic Passed

### Potency 10

Specimen Weight: 122.150 mg

Tested

SOP13.001 (LCUV)

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
CBD	100.000	5.40E-5	0.002	11.430	1.143
CBC	10.000	1.80E-5	0.002	<LOQ	<LOQ
THCA	10.000	3.20E-5	0.002	<LOQ	<LOQ
Delta-9 THC	10.000	1.30E-5	0.002	<LOQ	<LOQ
CBN	10.000	1.40E-5	0.002	<LOQ	<LOQ
CBGA	10.000	8.00E-5	0.002	<LOQ	<LOQ
CBG	10.000	2.48E-4	0.002	<LOQ	<LOQ
CBDV	10.000	6.50E-5	0.002	<LOQ	<LOQ
CBDA	10.000	1.00E-5	0.002	<LOQ	<LOQ
THCV	10.000	7.00E-6	0.002	<LOQ	<LOQ

### Potency Summary

Total THC None Detected	Total CBD 1.143%	581.490mg
Total CBG None Detected	Total CBN None Detected	
Other Cannabinoids None Detected	Total Cannabinoids 1.143%	581.490mg

### Terpenes Summary

Analyte	Result (mg/g)	(%)
Hexahydrothymol	40.255	4.026%
Geraniol	1.168	0.117%
Eucalyptol	0.332	0.033%

Total Terpenes: 4.176%

Detailed Terpenes Analysis is on the following page

Xueli Gao  
Lab Toxicologist  
Ph.D., DABT

Aixia Sun  
Lab Director/Principal Scientist  
D.H.Sc., M.Sc., B.Sc., MT (AAB)



Definitions and Abbreviations used in this report: Total CBD = CBD + (CBD-A \* 0.877), \*Total CBDV = CBDV + (CBDVA \* 0.87), Total THC = THCA-A \* 0.877 + Delta 9 THC, Total THC = THCV + (THCVA \* 0.87), CBG Total = (CBGA \* 0.877) + CBG, CBN Total = (CBNA \* 0.877) + CBN, Total CBC = CBC + (CBCA \* 0.877), Total THC-O-Acetate = Delta 8 THC-O-Acetate + Delta 9 THC-O-Acetate, Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, Total Detected Cannabinoids = Delta9-THC + Delta8-THC + Total CBN + CBT + Delta8-THCV + Total CBG + Total CBD + Total THCV + CBL + Total THC + Total CBC + Total CBDV + Delta10-THC + Total THC-O-Acetate, Analyte Details above show the Dry Weight Concentrations unless specified as 12% moisture concentration. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram, (cfu/g) = Colony Forming Unit per Gram, LOD = Limit of Detection, (µg/g) = Microgram per Gram (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = aw (area ratio) = Area Ratio, (mg/Kg) = Milligram per Kilogram, \*Measurement of Uncertainty = +/- 10%

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Accredited by a third-party accrediting body as a competent testing laboratory pursuant to ISO/IEC 17025 of the International Organization for Standardization.



DEA No. RA0571996  
FL License # CMTL-0003  
CLIA No. 10D1094068

# Certificate of Analysis

## Compliance Test

**MEDITERRA CBD, LLC**  
9805 RESEARCH DR  
IRVINE, CALIFORNIA 92618

Batch # 004F22  
Batch Date: 2022-06-10  
Extracted From: CBD

Sampling Method: MSP 7.3.1  
Test Reg State: Florida

Order # MED220610-020001  
Order Date: 2022-06-10  
Sample # AACY143

Sampling Date: 2022-06-20  
Lab Batch Date: 2022-06-20  
Completion Date: 2022-06-23

Initial Gross Weight: 65.374 g  
Net Weight: 50.874 g

Number of Units: 1  
Net Weight per Unit: 50874.000 mg

### Terpenes

Specimen Weight: 108.060 mg

Tested  
SOP13.023 (GC/GCMS)

Dilution Factor: 20.000

Analyte	LOQ (%)	Result (mg/g)	(%)	Analyte	LOQ (%)	Result (mg/g)	(%)
Hexahydrothymol	0.002	40.255	4.026	Fenchyl Alcohol	0.002	<LOQ	<LOQ
Geraniol	0.002	1.168	0.117	(R)-(+)-Limonene	0.002	<LOQ	<LOQ
Eucalyptol	0.002	0.332	0.033	alpha-Terpinene	0.002	<LOQ	<LOQ
Nerol	0.002	<LOQ	<LOQ	3-Carene	0.002	<LOQ	<LOQ
Geranyl acetate	0.002	<LOQ	<LOQ	alpha-Bisabolol	0.002	<LOQ	<LOQ
Guaial	0.002	<LOQ	<LOQ	alpha-Cedrene	0.002	<LOQ	<LOQ
Isoborneol	0.002	<LOQ	<LOQ	alpha-Humulene	0.002	<LOQ	<LOQ
Isopulegol	0.002	<LOQ	<LOQ	alpha-Phellandrene	0.002	<LOQ	<LOQ
Linalool	0.002	<LOQ	<LOQ	alpha-Pinene	0.002	<LOQ	<LOQ
(+)-Cedrol	0.002	<LOQ	<LOQ	beta-Myrcene	0.002	<LOQ	<LOQ
Gamma-Terpinene	0.002	<LOQ	<LOQ	Fenchone	0.002	<LOQ	<LOQ
Pulegone	0.002	<LOQ	<LOQ	beta-Pinene	0.002	<LOQ	<LOQ
Sabinene	0.002	<LOQ	<LOQ	Borneol	0.004	<LOQ	<LOQ
Sabinene Hydrate	0.002	<LOQ	<LOQ	Camphene	0.002	<LOQ	<LOQ
Terpinolene	0.002	<LOQ	<LOQ	Camphors	0.006	<LOQ	<LOQ
Total Terpeneol	0.001	<LOQ	<LOQ	Caryophyllene oxide	0.002	<LOQ	<LOQ
trans-Caryophyllene	0.002	<LOQ	<LOQ	cis-Nerolidol	0.002	<LOQ	<LOQ
trans-Nerolidol	0.002	<LOQ	<LOQ	Farnesene	0.002	<LOQ	<LOQ
Ocimene	0.000	<LOQ	<LOQ	Valencene	0.002	<LOQ	<LOQ

Total Terpenes: 4.176%

### Mycotoxins

Specimen Weight: 259.900 mg

Dilution Factor: 5.772

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Aflatoxin B1	6	20	20	<LOQ	Aflatoxin G2	6	20	20	<LOQ
Aflatoxin B2	6	20	20	<LOQ	Ochratoxin A	12	20	20	<LOQ
Aflatoxin G1	6	20	20	<LOQ					

### Heavy Metals

Specimen Weight: 254.990 mg

Dilution Factor: 196

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (A s)	100	1500	1500	<LOQ	Lead (Pb)	100	500	500	132.943
Cadmium (C d)	100	500	500	<LOQ	Mercury (H g)	100	3000	3000	<LOQ

Xueli Gao  
Ph.D., DABT  
Lab Toxicologist

Aixia Sun  
D.H.Sc., M.Sc., B.Sc., MT (AAB)  
Lab Director/Principal Scientist



Definitions and Abbreviations used in this report: Total CBD = CBD + (CBD-A \* 0.877), \*Total CBDV = CBDV + (CBDVA \* 0.87), Total THC = THCA-A \* 0.877 + Delta 9 THC, Total THCV = THCV + (THCVA \* 0.877), CBG Total = (CBGA \* 0.877) + CBG, CBN Total = (CBNA \* 0.877) + CBN, Total CBC = CBC + (CBCA \* 0.877), Total THC-O-Acetate = Delta 8 THC-O-Acetate + Delta 9 THC-O-Acetate, Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, Total Detected Cannabinoids = Delta8-THC + Delta9-THC + Total CBN + CBT + Delta8-THCV + Total CBG + Total CBD + Total THCV + CBL + Total THC + Total CBC + Total CBDV + Delta10-THC + Total THC-O-Acetate, Analyte Details above show the Dry Weight Concentrations unless specified as 12% moisture concentration. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram (cfu/g) = Colony Forming Unit per Gram, LOD = Limit of Detection, (µg/g) = Microgram per Gram (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = aw (area ratio) = Area Ratio, (mg/Kg) = Milligram per Kilogram, \*Measurement of Uncertainty = +/- 10%

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Accredited by a third-party accrediting body as a competent testing laboratory pursuant to ISO/IEC 17025 of the International Organization for Standardization.



DEA No. RA0571996  
FL License # CMTL-0003  
CLIA No. 10D1094068

# Certificate of Analysis

Compliance Test

**MEDITERRA CBD, LLC**  
9805 RESEARCH DR  
IRVINE, CALIFORNIA 92618

Batch # 004F22  
Batch Date: 2022-06-10  
Extracted From: CBD

Sampling Method: MSP 7.3.1  
Test Reg State: Florida

Order # MED220610-020001  
Order Date: 2022-06-10  
Sample # AACY143

Sampling Date: 2022-06-20  
Lab Batch Date: 2022-06-20  
Completion Date: 2022-06-23

Initial Gross Weight: 65.374 g  
Net Weight: 50.874 g

Number of Units: 1  
Net Weight per Unit: 50874.000 mg

**Pesticides FL V4**  
Specimen Weight: 259.900 mg

**Passed**  
SOP13.007 (LCMS/GCMS)

Dilution Factor: 5.772

Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin		28.23	300	<LOQ	Fludioxonil	48	3000	<LOQ	<LOQ
Acephate	30	3000	3000	<LOQ	Hexythiazox	30	2000	<LOQ	<LOQ
Acequinocyl	48	2000	2000	<LOQ	Imazalil	30	100	<LOQ	<LOQ
Acetamiprid	30	3000	3000	<LOQ	Imidacloprid	30	3000	<LOQ	<LOQ
Aldicarb	30	100	100	<LOQ	Kresoxim M ethyl	30	1000	<LOQ	<LOQ
Azoxystrobin	10	3000	3000	<LOQ	Malathion	30	2000	<LOQ	<LOQ
Bifenazate	30	3000	3000	<LOQ	Metalaxyl	10	3000	<LOQ	<LOQ
Bifenthrin	30	500	500	<LOQ	Methiocarb	30	100	<LOQ	<LOQ
Boscalid	10	3000	3000	<LOQ	Methomyl	30	100	<LOQ	<LOQ
Captan	30	3000	3000	<LOQ	methyl-Parathion	10	100	<LOQ	<LOQ
Carbaryl	10	500	500	<LOQ	Mevinphos	10	100	<LOQ	<LOQ
Carbofuran	10	100	100	<LOQ	Myclobutanil	30	3000	<LOQ	<LOQ
Chlorantraniliprole	10	3000	3000	<LOQ	Naled	30	500	<LOQ	<LOQ
Chlordane	10	100	100	<LOQ	Oxamyl	30	500	<LOQ	<LOQ
Chlorfenapyr	30	100	100	<LOQ	Paclobutrazol	30	100	<LOQ	<LOQ
Chloromequat Chloride	10	3000	3000	<LOQ	Pentachloronitrobenzene	10	200	<LOQ	<LOQ
Chlorpyrifos	30	100	100	<LOQ	Permethrin	30	1000	<LOQ	<LOQ
Clofentezine	30	500	500	<LOQ	Phosmet	30	200	<LOQ	<LOQ
Coumaphos	48	100	100	<LOQ	Piperonylbutoxide	30	3000	<LOQ	<LOQ
Cyfluthrin	30	1000	1000	<LOQ	Prallethrin	30	400	<LOQ	<LOQ
Cypermethrin	30	1000	1000	<LOQ	Propiconazole	30	1000	<LOQ	<LOQ
Daminozide	30	100	100	<LOQ	Propoxur	30	100	<LOQ	<LOQ
Diazinon	30	200	200	<LOQ	Pyrethrins	30	1000	<LOQ	<LOQ
Dichlorvos	30	100	100	<LOQ	Pyridaben	30	3000	<LOQ	<LOQ
Dimethoate	30	100	100	<LOQ	Spinetoram	10	3000	<LOQ	<LOQ
Dimethomorph	48	3000	3000	<LOQ	Spinosad	30	3000	<LOQ	<LOQ
Ethioniazide	30	100	100	<LOQ	Spiromesifen	30	3000	<LOQ	<LOQ
Etofenprox	30	100	100	<LOQ	Spirotetramat	30	3000	<LOQ	<LOQ
Etoxazole	30	1500	1500	<LOQ	Spiroxamine	30	100	<LOQ	<LOQ
Fenhexamid	10	3000	3000	<LOQ	Tebuconazole	30	1000	<LOQ	<LOQ
Fenoxycarb	30	100	100	<LOQ	Thiacloprid	30	100	<LOQ	<LOQ
Fenpyroximate	30	2000	2000	<LOQ	Thiamethoxam	30	1000	<LOQ	<LOQ
Fipronil	30	100	100	<LOQ	Trifloxystrobin	30	3000	<LOQ	<LOQ
Fonicamid	30	2000	2000	<LOQ					

*Xueli Gao*  
Xueli Gao Lab Toxicologist  
Ph.D., DABT

*Aixia Sun*  
Aixia Sun Lab Director/Principal Scientist  
D.H.Sc., M.Sc., B.Sc., MT (AAB)



Definitions and Abbreviations used in this report: Total CBD = CBD + (CBD-A \* 0.877), \*Total CBDV = CBDV + (CBDVA \* 0.87), Total THC = THCA-A \* 0.877 + Delta 9 THC, Total THCV = THCV + (THCVA \* 0.877), CBG Total = (CBGA \* 0.877) + CBG, CBN Total = (CBNA \* 0.877) + CBN, Total CBC = CBC + (CBCA \* 0.877), Total THC-O-Acetate = Delta 8 THC-O-Acetate + Delta 9 THC-O-Acetate, Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, Total Detected Cannabinoids = Delta 6a.10a-THC + Delta 8-THC + Total CBN + CBT + Delta 8-THCV + Total CBG + Total CBD + Total THCV + CBL + Total THC + Total CBC + Total CBDV + Delta 10-THC + Total THC-O-Acetate, Analyte Details above show the Dry Weight Concentrations unless specified as 12% moisture concentration. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram, (cfu/g) = Colony Forming Unit per Gram, LOD = Limit of Detection, (µg/g) = Microgram per Gram (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = aw (area ratio) = Area Ratio, (mg/Kg) = Milligram per Kilogram, \*Measurement of Uncertainty = +/- 10%

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Accredited by a third-party accrediting body as a competent testing laboratory pursuant to ISO/IEC 17025 of the International Organization for Standardization.



DEA No. RA0571996  
FL License # CMTL-0003  
CLIA No. 10D1094068

# Certificate of Analysis

## Compliance Test

**MEDITERRA CBD, LLC**  
9805 RESEARCH DR  
IRVINE, CALIFORNIA 92618

Batch # 004F22  
Batch Date: 2022-06-10  
Extracted From: CBD

Sampling Method: MSP 7.3.1  
Test Reg State: Florida

Order # MED220610-020001  
Order Date: 2022-06-10  
Sample # AACY143

Sampling Date: 2022-06-20  
Lab Batch Date: 2022-06-20  
Completion Date: 2022-06-23

Initial Gross Weight: 65.374 g  
Net Weight: 50.874 g

Number of Units: 1  
Net Weight per Unit: 50874.000 mg

### Residual Solvents - FL (CBD)

Specimen Weight: 233.800 mg

**Passed**  
SOP13.039 (GCMS)

Dilution Factor: 5000.000

Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Action Level (ppm)	Result (ppm)
1,1-Dichloro ethene	0.0094	0.16	8	<LOQ	Heptane	0.0013	1.39	5000	<LOQ
1,2-Dichloro ethane	0.0003	0.04	5	<LOQ	Hexane	0.068	1.17	290	<LOQ
Acetone	0.015	2.08	5000	<LOQ	Isopropyl alcohol	0.0048	1.39	500	<LOQ
Acetonitrile	0.06	1.17	410	<LOQ	Methanol	0.0005	0.69	3000	<LOQ
Benzene	0.0002	0.02	2	<LOQ	Methylene chloride	0.0029	2.43	600	<LOQ
Butanes	0.4167	2.5	2000	<LOQ	Pentane	0.037	2.08	5000	<LOQ
Chloroform	0.0001	0.04	60	<LOQ	Propane	0.031	5.83	2100	<LOQ
Ethanol	0.0021	2.78	5000	<LOQ	Toluene	0.0009	2.92	890	<LOQ
Ethyl Acetate	0.0012	1.11	5000	<LOQ	Total Xylenes	0.0001	2.92	2170	<LOQ
Ethyl Ether	0.0049	1.39	5000	<LOQ	Trichloroethylene	0.0014	0.49	80	<LOQ
Ethylene Oxide	0.0038	0.1	5	<LOQ					

### Pathogenic SAE (qPCR)

Specimen Weight: 237.470 mg

**Passed**  
SOP13.010 (qPCR)

Dilution Factor: 1.000

Analyte	Action Level (cfu/g)	Result (cfu/g)	Analyte	Action Level (cfu/g)	Result (cfu/g)
Aspergillus (Flavus, Fumigatus, Niger, Terreus)	1	Absence in 1g	Salmonella	1	Absence in 1g
E.Coli	1	Absence in 1g			

### Listeria Monocytogenes

Specimen Weight: 986.100 mg

**Passed**  
SOP13.010 (qPCR)

Dilution Factor: 1.000

Analyte	Action Level (cfu/g)	Result
Listeria Monocytogenes	1	Absence in 1g

*Xueli Gao*  
Xueli Gao  
Ph.D., DABT  
Lab Toxicologist

*Aixia Sun*  
Aixia Sun  
D.H.Sc., M.Sc., B.Sc., MT (AAB)  
Lab Director/Principal Scientist



Definitions and Abbreviations used in this report: Total CBD = CBD + (CBD-A \* 0.877), \*Total CBDV = CBDV + (CBDVA \* 0.87), Total THC = THCA-A \* 0.877 + Delta 9 THC, Total THCV = THCV + (THCVA \* 0.87), CBG Total = (CBGA \* 0.877) + CBG, CBN Total = (CBNA \* 0.877) + CBN, Total CBC = CBC + (CBCA \* 0.877), Total THC-O-Acetate = Delta 8 THC-O-Acetate + Delta 9 THC-O-Acetate, Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, Total Detected Cannabinoids = Delta8-THC + Delta9-THC + Total CBN + CBT + Delta8-THCV + Total CBG + Total CBD + Total THCV + CBL + Total THC + Total CBC + Total CBDV + Delta10-THC + Total THC-O-Acetate, Analyte Details above show the Dry Weight Concentrations unless specified as 12% moisture concentration. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram, (cfu/g) = Colony Forming Unit per Gram, LOD = Limit of Detection, (µg/g) = Microgram per Gram (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = aw (area ratio) = Area Ratio, (mg/Kg) = Milligram per Kilogram, \*Measurement of Uncertainty = +/- 10%

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Accredited by a third-party accrediting body as a competent testing laboratory pursuant to ISO/IEC 17025 of the International Organization for Standardization.